

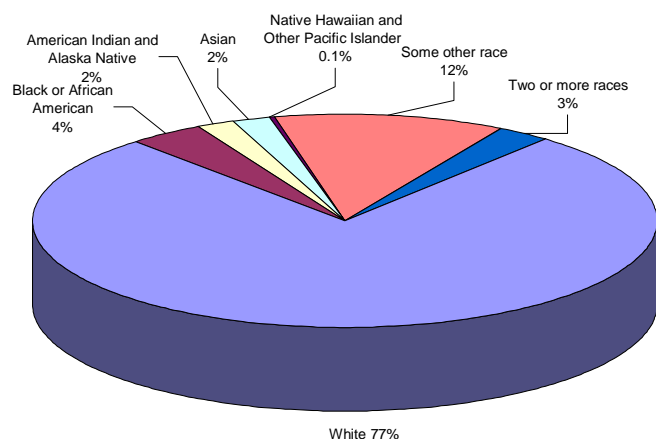
Section IV. Maricopa County Update

INTRODUCTION

Maricopa County birth data were presented in detail in the 2000 Maternal and Child Health Needs Assessment. Because the focus of the 2001 Maternal and Child Health Needs Assessment is on geographic areas of need, the reader is referred to the 2000 Needs Assessment for detailed information on birth statistics for Maricopa County (http://www.maricopa.gov/public_health/epidemiology/MCH.pdf). County specific statistics are also found on the ADHS web site (<http://www.hs.state.az.us>). The information on Maricopa County should be considered only an update to the 2000 Needs Assessment, and should be used as a point of reference when reviewing the South Phoenix, Maryvale, and Garfield data.

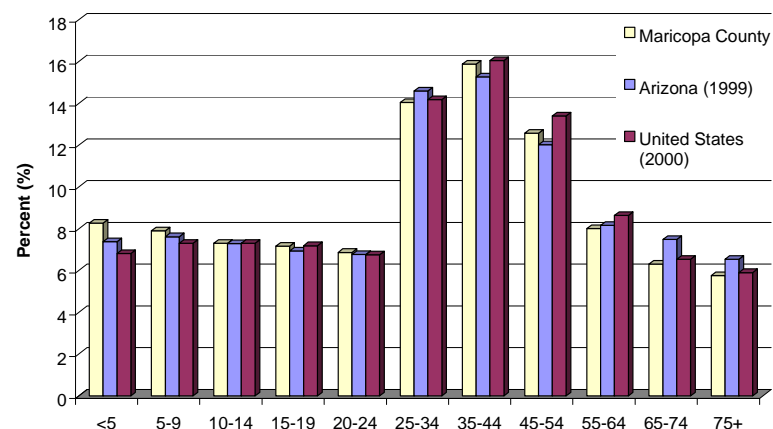
SOCIAL AND DEMOGRAPHIC PROFILE

Population Distribution by Race, Maricopa County, Arizona 2000



The overall population of Maricopa County in 2000 was 3,072,149, a 7.4% growth since 1999^{1,2}. Maricopa County was 77.4% White, with persons indicating “Some other race” comprising the next largest group at 11.9%, followed by Black or African American (3.7%), Two or more races (2.9%), Asian (2.2%), American Indian and Alaskan Native (1.9%) and Native Hawaiian and Other Pacific Islanders (0.1%). Hispanics or Latinos of all races represented 24.9% of the population of Maricopa County^{14,15}.

Percent Distribution of Population by Age Group, Maricopa County 1999, Arizona 1999, and the United States 2000



Maricopa County's population by age group in 1999 was similar to that of the United States in 2000, although Maricopa had a higher percentage of persons younger than 10 years of age, and a lower percentage of persons over 45 years of age^{14,15, 16}.

There were 54,471 live births in Maricopa County in 2000, an increase of 5.7% over the 51,535 births in 1999. The fertility rate in Maricopa County in 1999 was 83.2 live births per 1,000 women of ages 15 to 44.

Table 1. Maricopa County Fertility Rates (Per 1,000 Women of Ages 15-44) 1996-2000

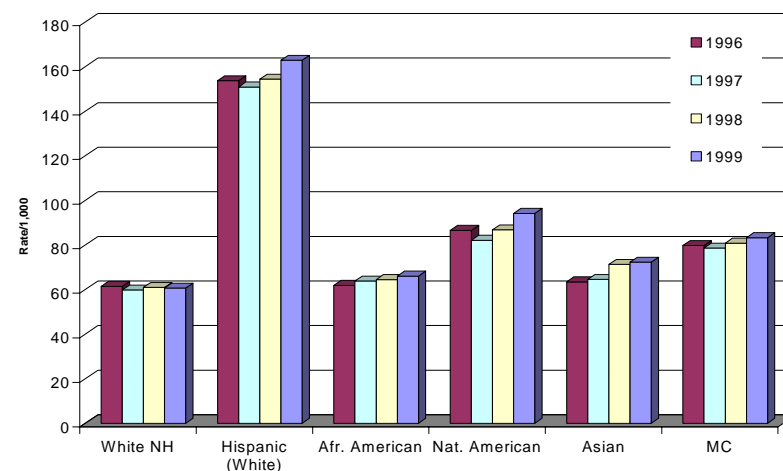
Year	Births	Population of Women 15-44	Birth Rate
1996	46,525	583,271	79.77
1997	47,127	599,462	78.62
1998	49,324	610,419	80.80
1999	51,535	618,713	83.29
2000	54,471	NDA*	NDA*

* No Data Available at press time (NDA)

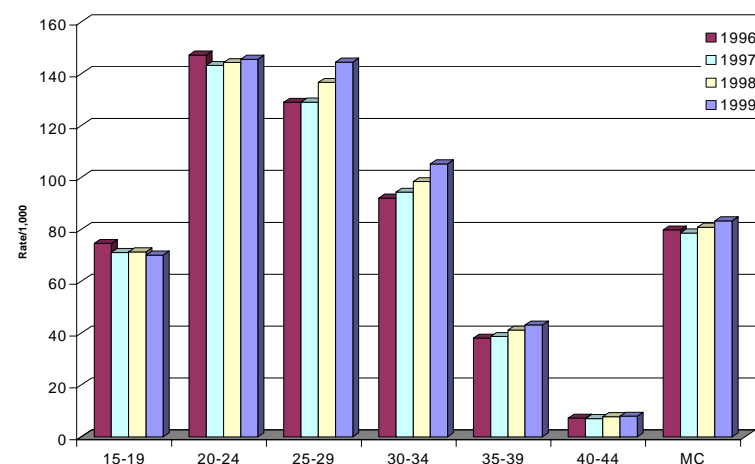
Women of Hispanic ethnicity had the highest fertility rate (150.5 births per 1,000 women 15 to 44 years of age) compared with women of all other racial/ethnic groups. While the fertility rate for White women age 15-44 remained stable across the four-year period, slight increases in fertility rates occurred from 1996 to 1999 for African Americans, Native Americans, and Asians.

Women ages 20 to 24 had the highest fertility rate from 1996 to 1999 compared to other age groups. The next highest rate was for women age 25-29. The fertility rate for women age 15-19 decreased from 1996 to 1999, consistent with national data showing a decrease in births to teenagers⁸. Fertility rates for women age 30 to 39 increased from 1996 to 1999.

Fertility Rate Per 1,000 Women Age 15-44 by Maternal Race/Ethnicity, MC, AZ 1996-1999

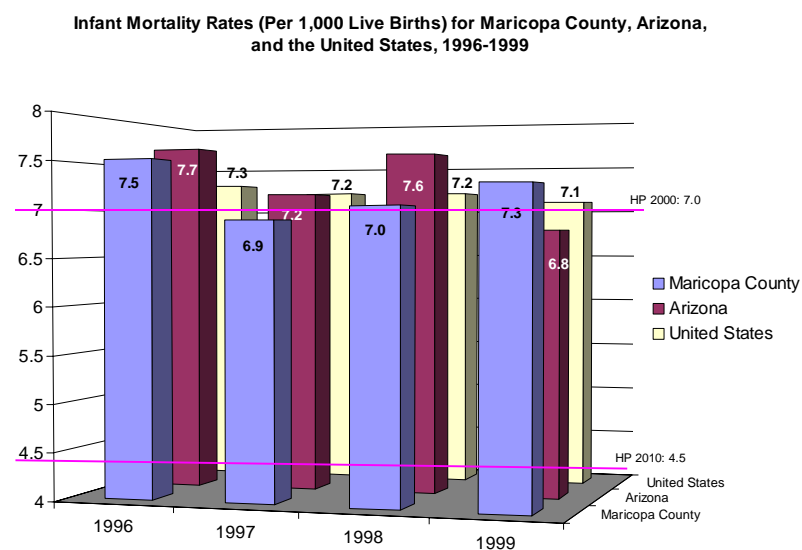


Fertility Rates Per 1,000 Women Age 15-44 by Maternal Age Group, MC, AZ 1996-1999



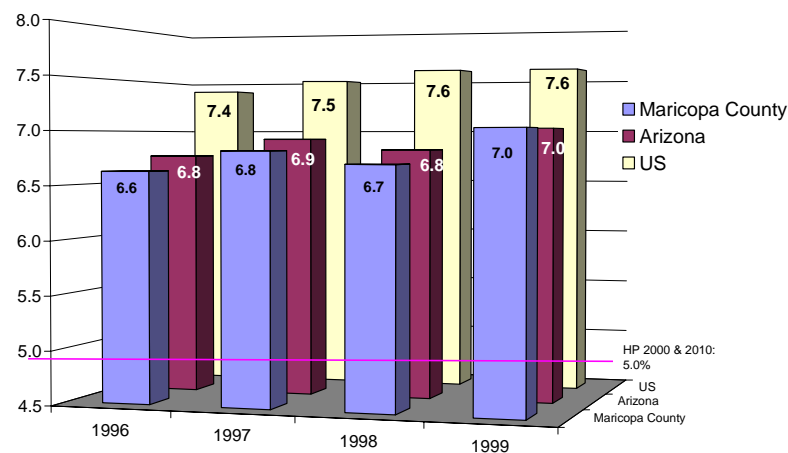
INFANT MORTALITY RATES

In contrast with the previous three years when Maricopa County had a lower infant mortality rate (IMR) than Arizona, the Maricopa County rate was higher than the Arizona rate during 1999. The differences in Maricopa County's IMR from 1997 to 1999 were not statistically significant ($p=.05$). Statewide, infant mortality rates significantly decreased from 1996 to 1999^{3,4,5}.



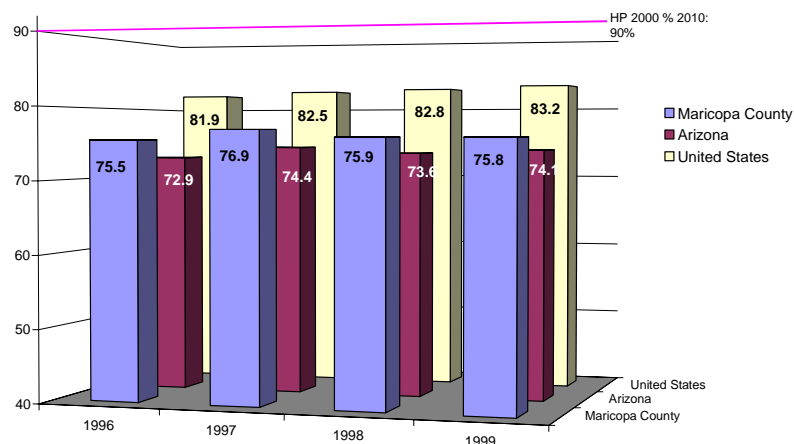
LOW BIRTH WEIGHT AND PRENATAL CARE

Percent Low Birthweight (<2500 grams) Births, Maricopa County, Arizona, and the United States 1996-1999



The low birth weight rate for Maricopa County was higher than the rate for Arizona during 1999. Both Maricopa County and Arizona fared better than the national average over the past four years^{3,5}.

Percent Receiving First Trimester Prenatal Care, Maricopa County, Arizona, and the United States, 1996-1999



The percent of women receiving prenatal care during the first trimester has remained stable in Maricopa County since 1996. Both Maricopa County and Arizona have been beneath the national average for percent of women initiating prenatal care in the first trimester. Maricopa County has fared better than the state as a whole^{3,5}.

TEEN BIRTHS

Teen birth rates in Maricopa County remained elevated compared to those for Arizona. Originally published teen birth rates for Arizona for the years 1997 to 1999 were revised in May 2001 due to a data calculation error⁶. The revised Arizona teen birth rates parallel those of Maricopa County much closer than the originally published data^{6,7}. Both the Maricopa County and Arizona teen birth rates were elevated compared to those for the United States.

Birth Rates for Women Ages 15-19, Maricopa County, Arizona, and the United States 1996-1999

